

**SLOVENSKI STANDARD  
SIST EN IEC 62037-3:2022****01-marec-2022****Nadomešča:  
SIST EN 62037-3:2012**

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**Pasivne radiofrekvenčne (RF) in mikrovalovne naprave, meritve intermodulacijskega nivoja - 3. del: Meritve pasivne intermodulacije v koaksialnih konektorjih (IEC 62037-3:2021)**

Passive RF and microwave devices, intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors (IEC 62037-3:2021)

Passive HF- und Mikrowellenbauteile, Messung des Intermodulationspegels - Teil 3: Messung der passiven Intermodulation in koaxialen Steckverbindern (IEC 62037-3:2021)

Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation - Partie 3: Mesure de l'intermodulation passive dans les connecteurs coaxiaux (IEC 62037-3:2021)

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Ta slovenski standard je istoveten z: **EN IEC 62037-3:2021**

**ICS:**

33.120.10	Koaksialni kabli. Valovodi	Coaxial cables. Waveguides
33.120.30	Radiofrekvenčni konektorji (RF)	RF connectors

**SIST EN IEC 62037-3:2022****en**

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EUROPEAN STANDARD

EN IEC 62037-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2021

ICS 33.040.20

Supersedes EN 62037-3:2012 and all of its amendments  
and corrigenda (if any)

English Version

Passive RF and microwave devices, intermodulation level  
measurement - Part 3: Measurement of passive intermodulation  
in coaxial connectors  
(IEC 62037-3:2021)

Dispositifs RF et à micro-ondes passifs, mesure du niveau  
d'intermodulation - Partie 3: Mesure de l'intermodulation  
passive dans les connecteurs coaxiaux  
(IEC 62037-3:2021)

Passive HF- und Mikrowellenbauteile, Messung des  
Intermodulationspegels - Teil 3: Messung der passiven  
Intermodulation in koaxialen Steckverbindern  
(IEC 62037-3:2021)

This European Standard was approved by CENELEC on 2021-12-23. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN IEC 62037-3:2022](https://standards.iteh.ai/sist-en-iec-62037-3-2022)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

**EN IEC 62037-3:2021 (E)****European foreword**

The text of document 46/836/FDIS, future edition 2 of IEC 62037-3, prepared by IEC/TC 46 “Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62037-3:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-09-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-12-23

This document supersedes EN 62037-3:2012 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 62037-3:2021 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62037-1	-	Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods	EN IEC 62037-1	-
IEC 62037-4	-	Passive RF and microwave devices, intermodulation level measurement - Part 4: Measurement of passive intermodulation in coaxial cables	EN 62037-4	-

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IEC 62037-3

Edition 2.0 2021-11

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



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iTeh STANDARD

**Passive RF and microwave devices, intermodulation level measurement –  
Part 3: Measurement of passive intermodulation in coaxial connectors**

**Dispositifs RF et à micro-ondes passifs, mesure du niveau d'intermodulation –  
Partie 3: Mesure de l'intermodulation passive dans les connecteurs coaxiaux**

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ICS 33.040.20

ISBN 978-2-8322-1049-1

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PASSIVE RF AND MICROWAVE DEVICES,  
INTERMODULATION LEVEL MEASUREMENT –****Part 3: Measurement of passive intermodulation in coaxial connectors**

## FOREWORD

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IEC 62037-3 has been prepared by IEC technical committee 46: Cables, wires, waveguides, RF connectors, RF and microwave passive components and accessories. It is an International Standard.

This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) impact method changed to utilize a steel ball rather than a brass rod;
- b) impact energy required to test each connector type added;
- c) method added to calculate impact energy for connector types not listed in the document.

The text of this International Standard is based on the following documents:

Draft	Report on voting
46/836/FDIS	46/857/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/standardsdev/publications](http://www.iec.ch/standardsdev/publications).

A list of all the parts in the IEC 62037 series, published under the general title *Passive RF and microwave devices, intermodulation level measurement* can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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